

Name _____

Looking at the Periodic Table “Scavenger Hunt”

Use your Periodic Table to answer the following questions. You can also use your notes if you can not remember the definitions of any words asked in the questions.

1. What is calcium's (Ca) atomic number? _____
2. What is radon's (Rn) atomic number? _____
3. What is lead's (Pb) atomic mass? _____
4. What is bromine's (Br) atomic mass? _____
5. What is nitrogen's (N) mass number? _____
(Hint: You have to round the atomic mass to the nearest whole number.)
6. What is lithium's (Li) mass number? _____
7. Which element has an atomic number of 2? _____
8. Which element has an atomic number of 19? _____
9. Which element has an atomic mass of 47.88? _____
10. Which element has an atomic mass of 137.33? _____
11. How many periods are there in the Periodic Table? _____
12. In which period would you find cesium (Cs)? _____
13. In which period would you find magnesium (Mg)? _____
14. How many energy levels does aluminum (Al) have? _____
15. How many groups are there in the Periodic Table? _____
16. In which group would you find carbon (C)? _____
17. In which group would you find fluorine (F)? _____
18. What happens to the atomic number as you move to the right in a period and down in a group?
19. In general, what happens to the atomic mass as you move to the right in a period?
20. Which element has the smallest atomic mass? _____

Bonus

- A. How many protons are in the nucleus of an atom of iridium (Ir)? _____
- B. How many electrons does an atom of iodine (I) have? _____